

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028921.D
 Acq On : 30 Nov 2023 22:12
 Operator : MA/JU
 Sample : PB157079BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156727BL

Quant Time: Dec 01 00:29:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

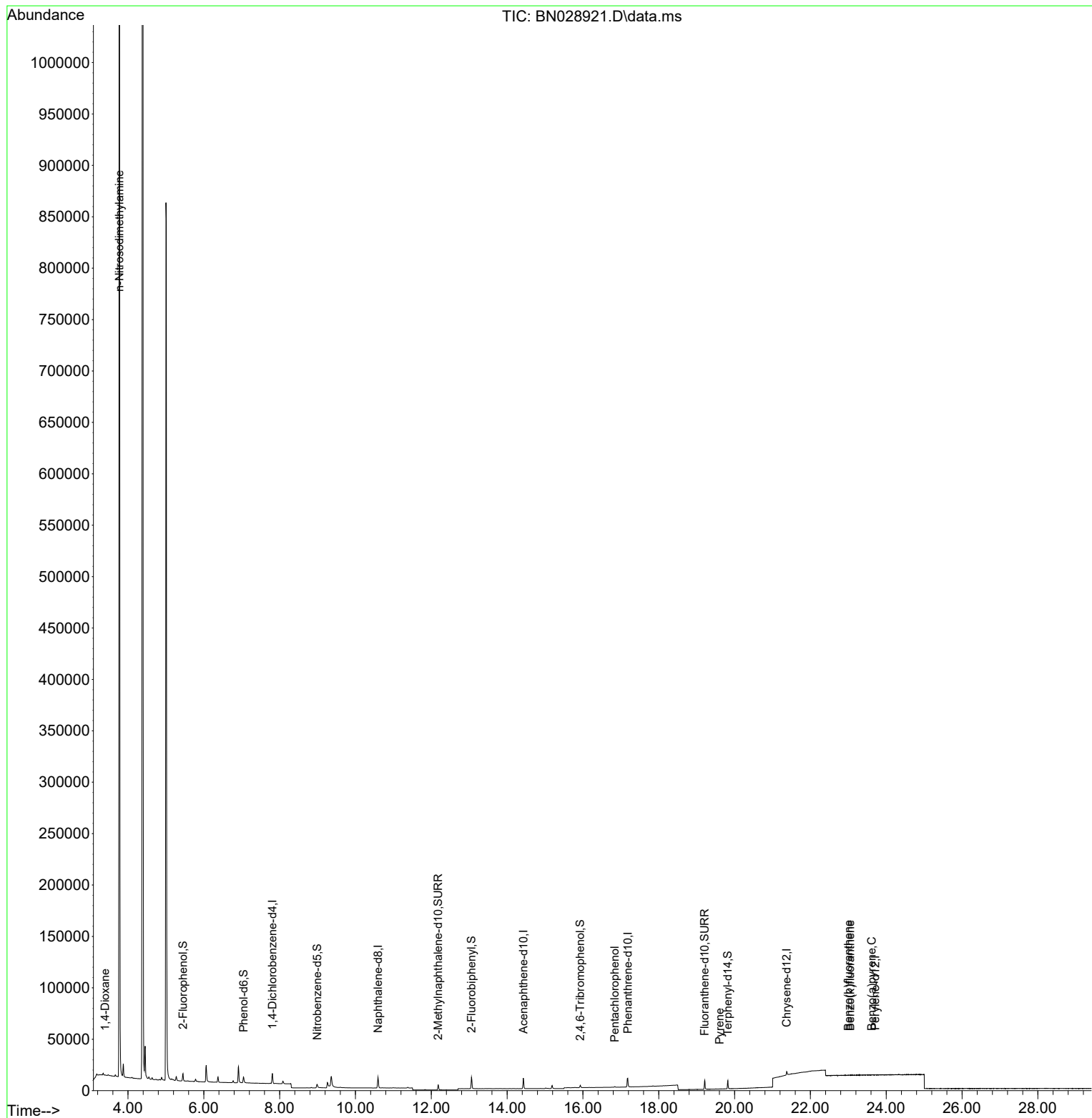
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	4781	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	13550	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	5455	0.400	ng	0.00
19) Phenanthrene-d10	17.184	188	13809	0.400	ng	# 0.00
29) Chrysene-d12	21.374	240	3971	0.400	ng	0.00
35) Perylene-d12	23.714	264	174	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	5257	0.363	ng	0.00
5) Phenol-d6	7.046	99	4613	0.287	ng	0.00
8) Nitrobenzene-d5	8.993	82	3593	0.267	ng	0.01
11) 2-Methylnaphthalene-d10	12.182	152	7145	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	1277	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	9769	0.415	ng	-0.01
27) Fluoranthene-d10	19.213	212	9906	0.273	ng	0.00
31) Terphenyl-d14	19.822	244	8365	0.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	95	0.020	ng	# 35
3) n-Nitrosodimethylamine	3.774	42	66019	9.073	ng	# 18
24) Pentachlorophenol	16.836	266	109	0.020	ng	# 1
30) Pyrene	19.608	202	59	0.096	ng	# 86
37) Benzo(b)fluoranthene	23.000	252	73	0.103	ng	# 15
38) Benzo(k)fluoranthene	23.050	252	24	0.036	ng	# 16
39) Benzo(a)pyrene	23.620	252	73	0.115	ng	# 34

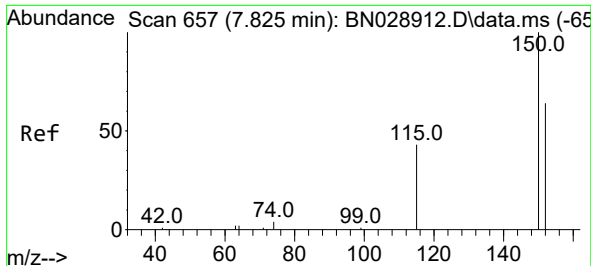
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028921.D
Acq On : 30 Nov 2023 22:12
Operator : MA/JU
Sample : PB157079BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156727BL

Quant Time: Dec 01 00:29:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

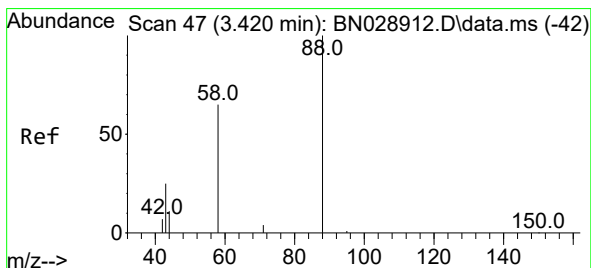
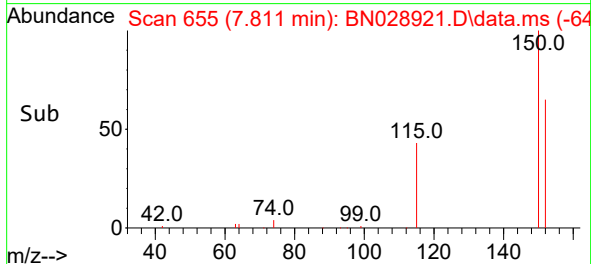
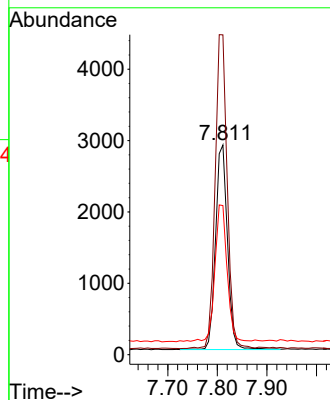
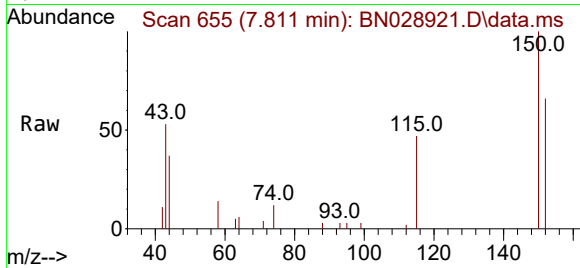




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN028921.D
 Acq: 30 Nov 2023 22:12

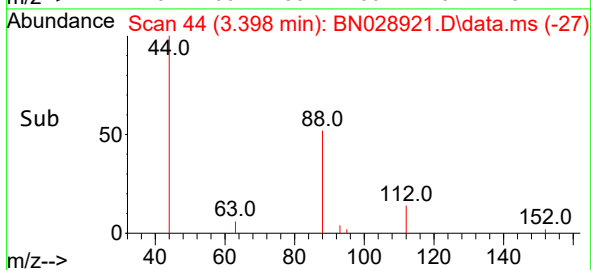
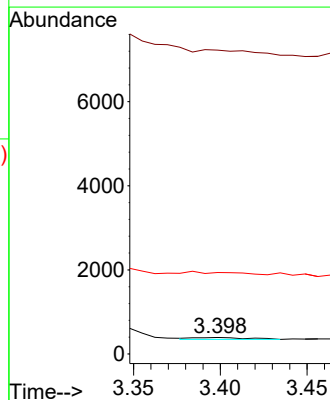
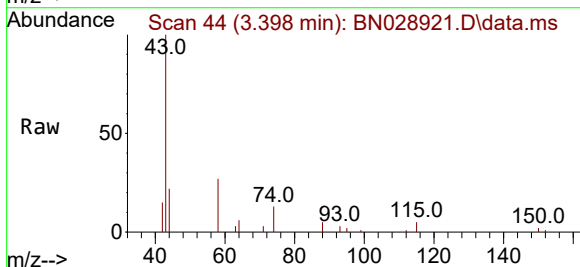
Instrument :
 BNA_N
 ClientSampleId :
 PB156727BL

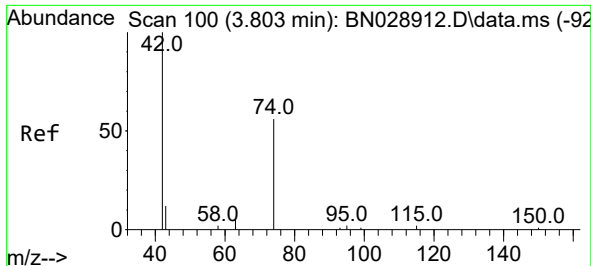
Tgt Ion:152 Resp: 4781
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.4 185.2
 115 71.1 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.398 min Scan# 44
 Delta R.T. 0.022 min
 Lab File: BN028921.D
 Acq: 30 Nov 2023 22:12

Tgt Ion: 88 Resp: 95
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 123.2 55.0 82.4#

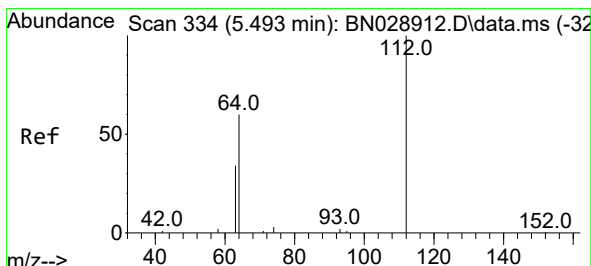
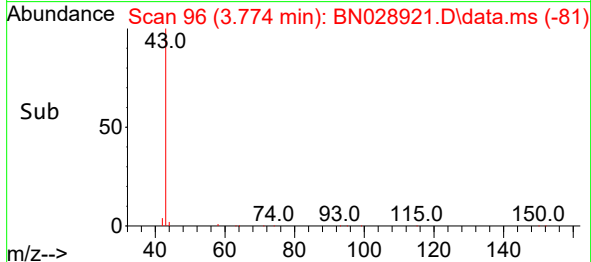
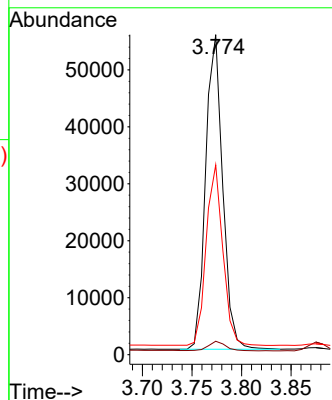
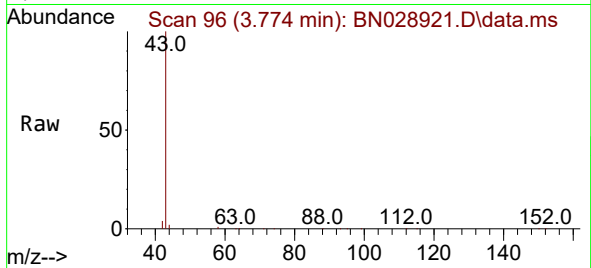




#3
n-Nitrosodimethylamine
Concen: 9.073 ng
RT: 3.774 min Scan# 90
Delta R.T. 0.007 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

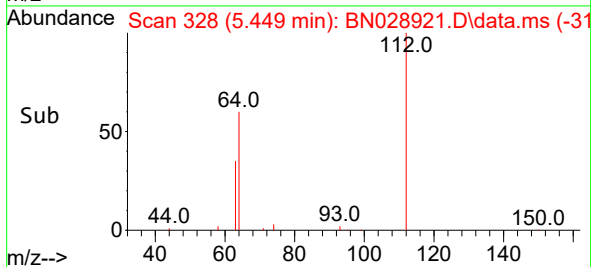
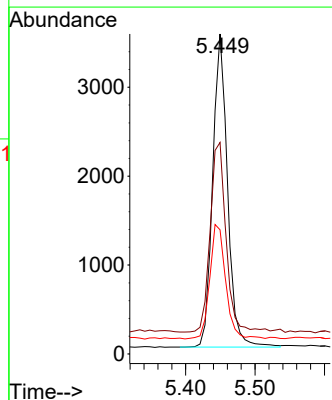
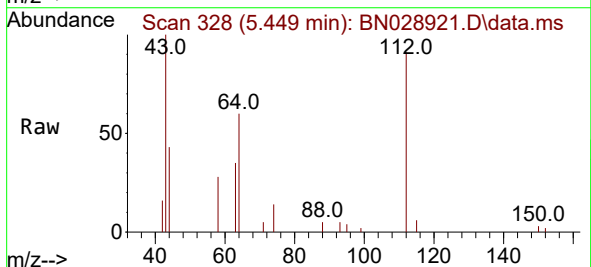
Instrument :
BNA_N
ClientSampleId :
PB156727BL

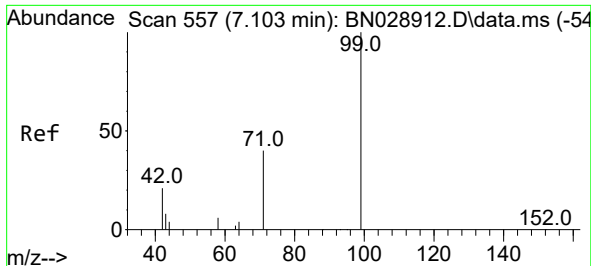
Tgt Ion: 42 Resp: 66019
Ion Ratio Lower Upper
42 100
74 3.1 57.0 85.6#
44 56.1 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

Tgt Ion: 112 Resp: 5257
Ion Ratio Lower Upper
112 100
64 65.2 51.5 77.3
63 38.9 30.4 45.6

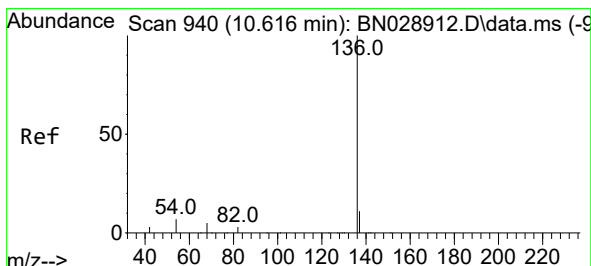
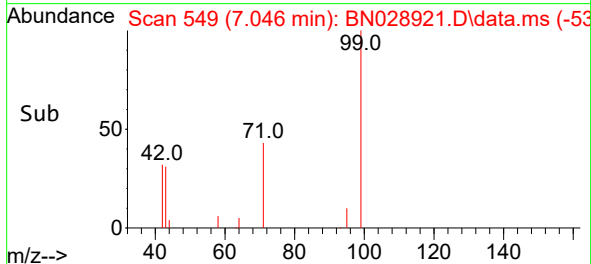
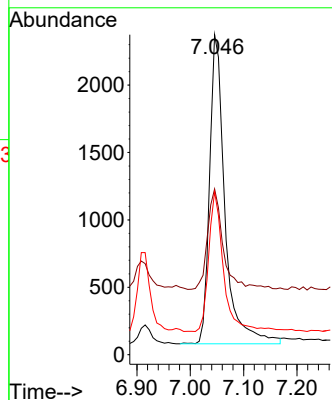
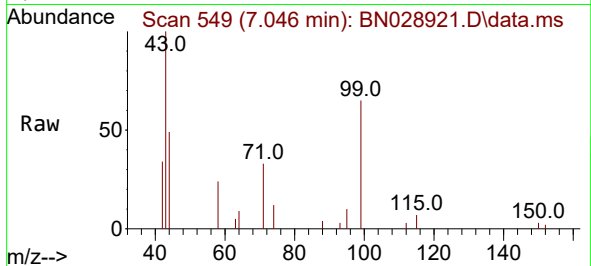




#5
Phenol-d6
Concen: 0.287 ng
RT: 7.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

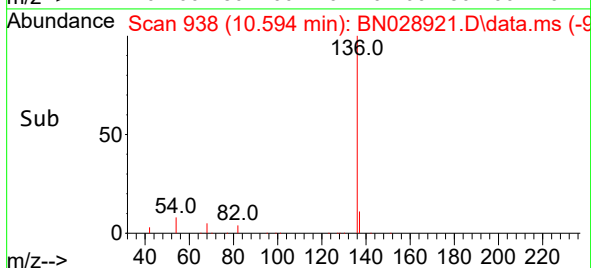
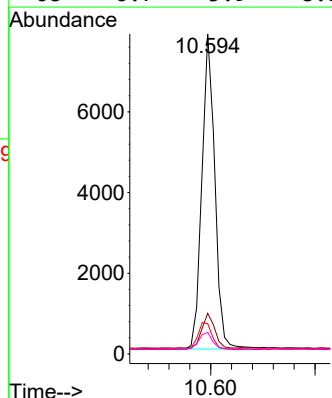
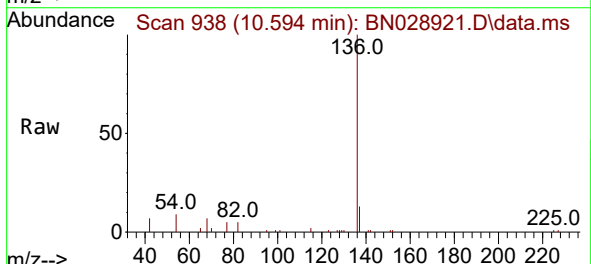
Instrument :
BNA_N
ClientSampleId :
PB156727BL

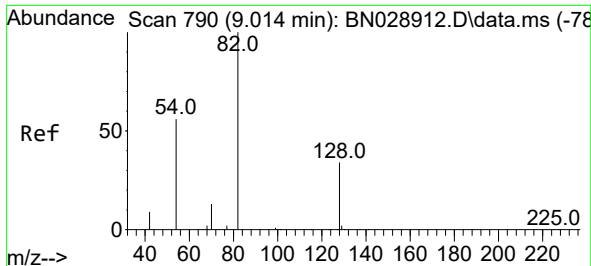
Tgt Ion: 99 Resp: 4613
Ion Ratio Lower Upper
99 100
42 33.1 21.2 31.8#
71 43.3 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

Tgt Ion: 136 Resp: 13550
Ion Ratio Lower Upper
136 100
137 12.7 10.6 16.0
54 9.4 7.5 11.3
68 6.7 5.9 8.9

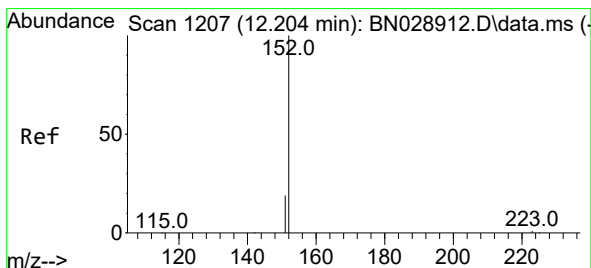
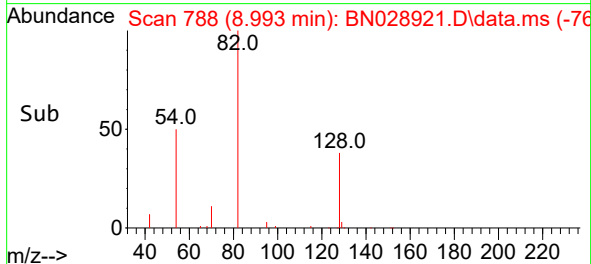
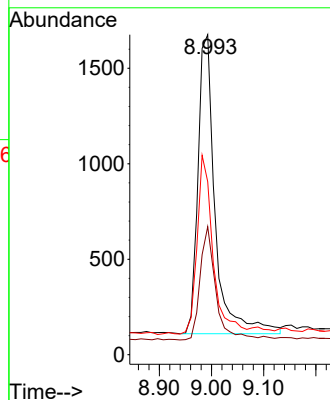
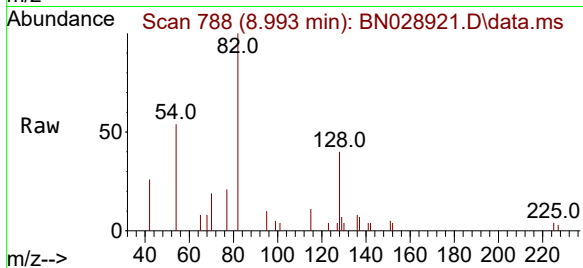




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.993 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

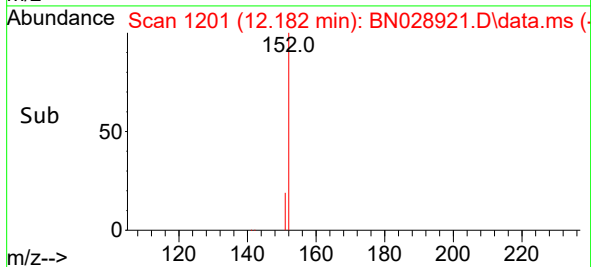
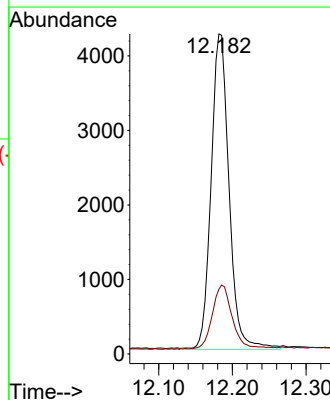
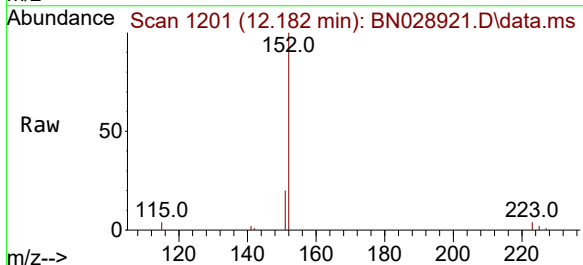
Instrument :
BNA_N
ClientSampleId :
PB156727BL

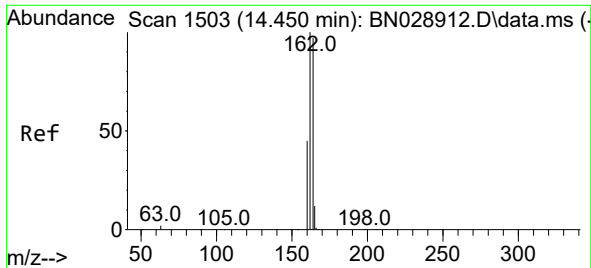
Tgt Ion: 82 Resp: 3593
Ion Ratio Lower Upper
82 100
128 40.0 29.2 43.8
54 54.1 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.182 min Scan# 1201
Delta R.T. -0.004 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

Tgt Ion:152 Resp: 7145
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1

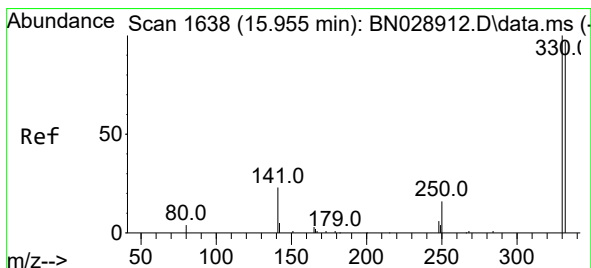
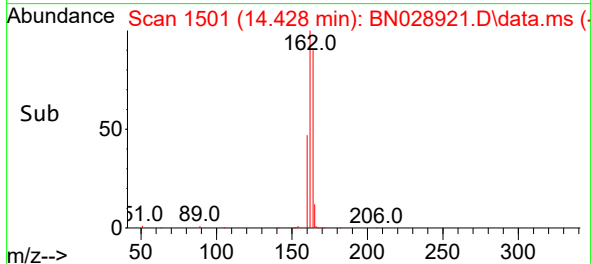
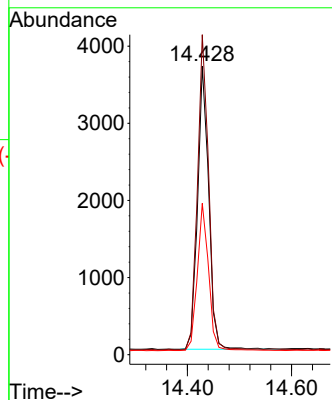
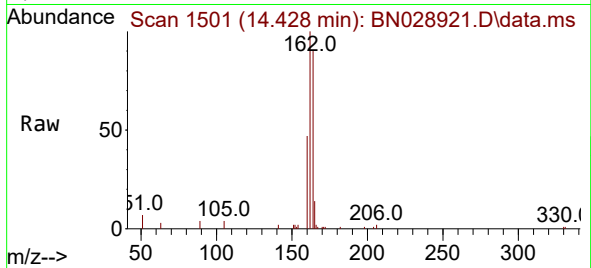




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

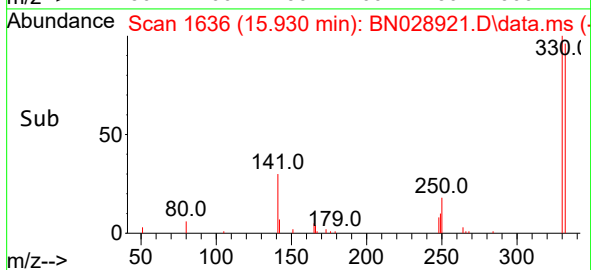
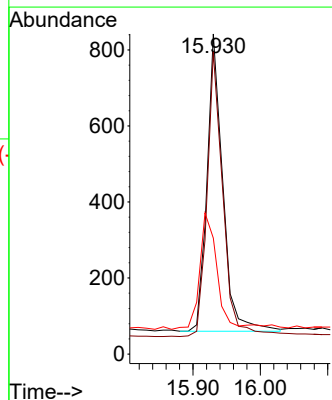
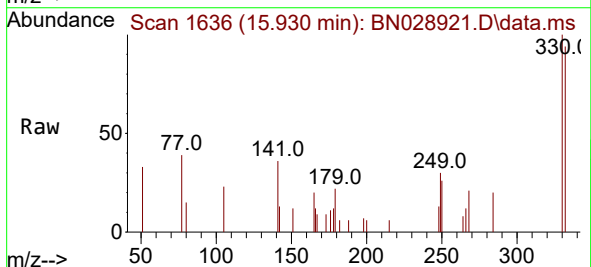
Instrument :
BNA_N
ClientSampleId :
PB156727BL

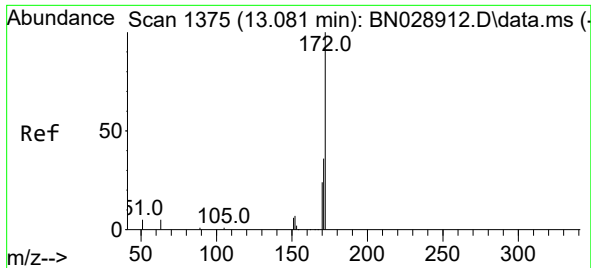
Tgt Ion:164 Resp: 5455
Ion Ratio Lower Upper
164 100
162 110.9 81.7 122.5
160 52.4 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.930 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

Tgt Ion:330 Resp: 1277
Ion Ratio Lower Upper
330 100
332 95.9 75.4 113.2
141 42.4 35.7 53.5

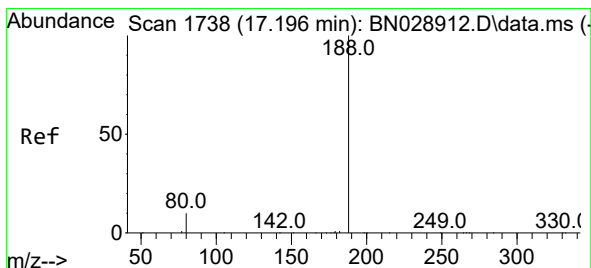
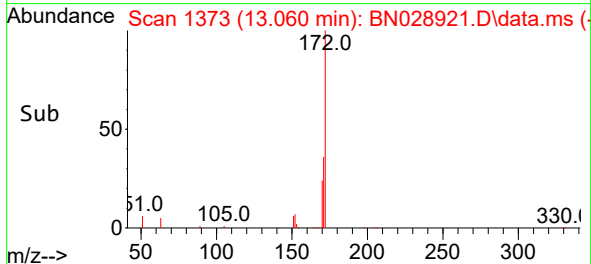
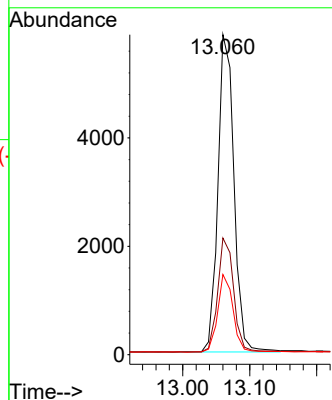
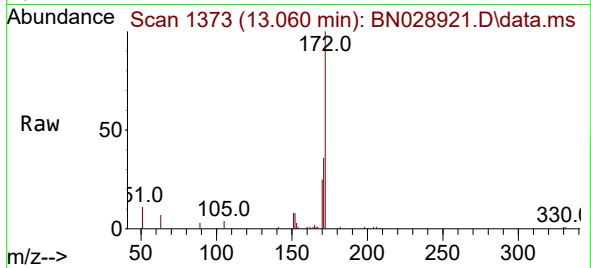




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.060 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

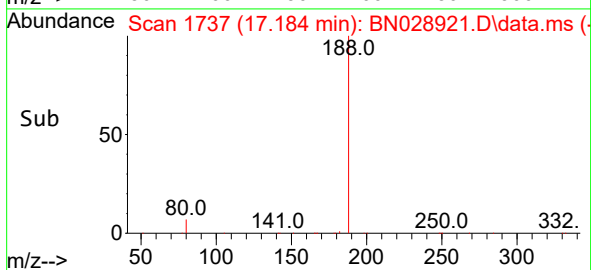
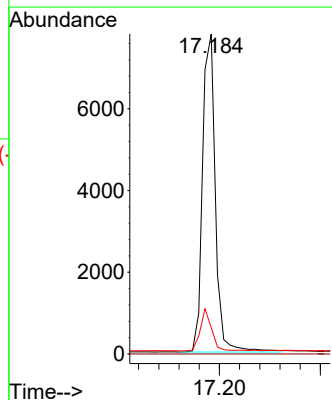
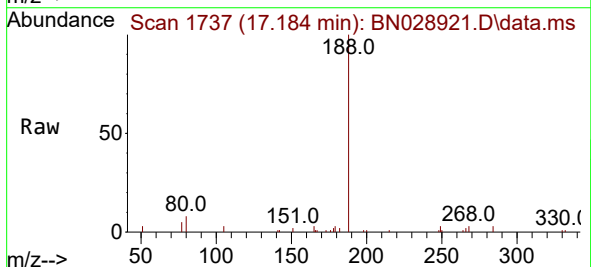
Instrument :
BNA_N
ClientSampleId :
PB156727BL

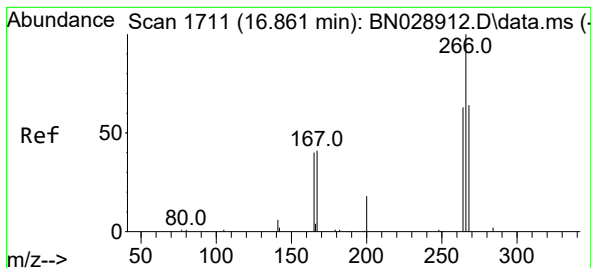
Tgt Ion:172 Resp: 9769
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.184 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN028921.D
Acq: 30 Nov 2023 22:12

Tgt Ion:188 Resp: 13809
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 9.0 13.6#





#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.836 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BN028921.D

Acq: 30 Nov 2023 22:12

Instrument :

BNA_N

ClientSampleId :

PB156727BL

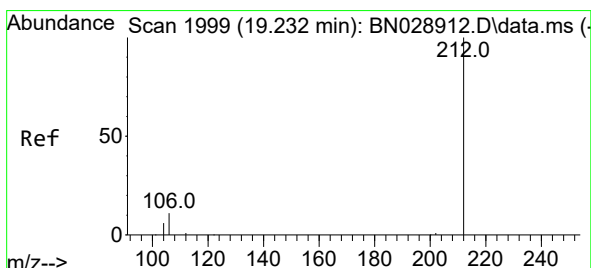
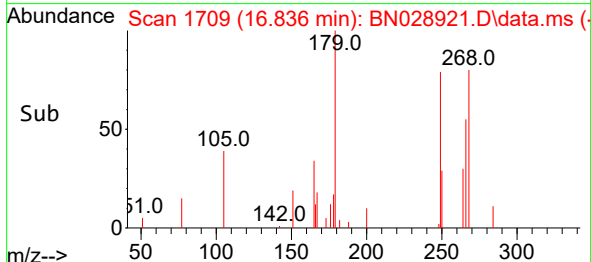
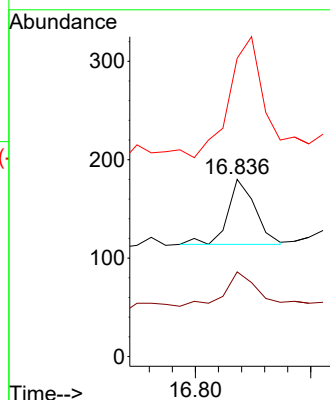
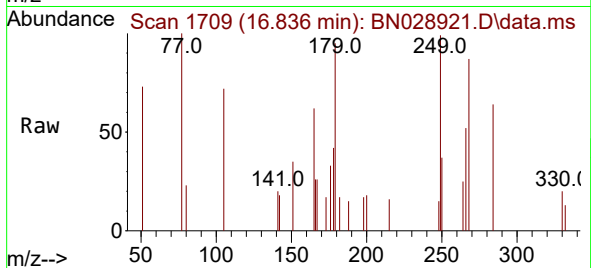
Tgt Ion:266 Resp: 109

Ion Ratio Lower Upper

266 100

264 73.4 50.7 76.1

268 218.3 54.9 82.3#



#27

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.213 min Scan# 1995

Delta R.T. 0.000 min

Lab File: BN028921.D

Acq: 30 Nov 2023 22:12

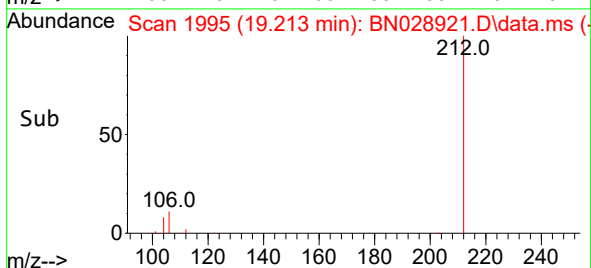
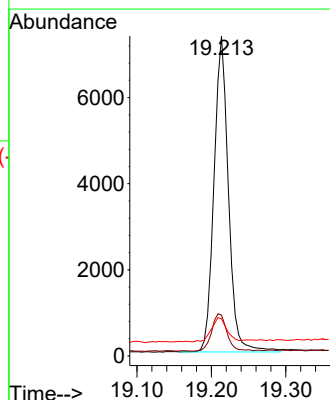
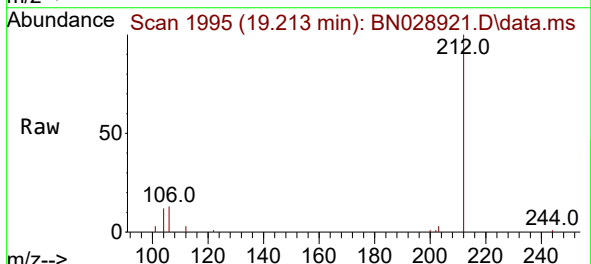
Tgt Ion:212 Resp: 9906

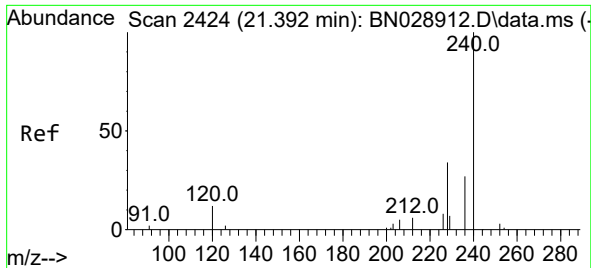
Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.2

104 8.1 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.374 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BN028921.D

Acq: 30 Nov 2023 22:12

Instrument :

BNA_N

ClientSampleId :

PB156727BL

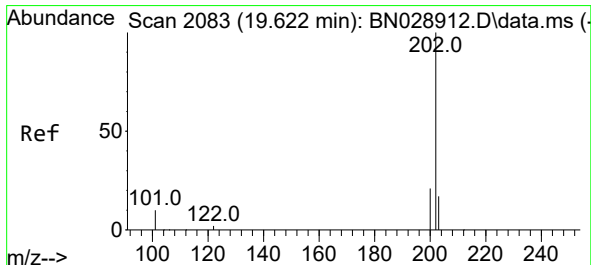
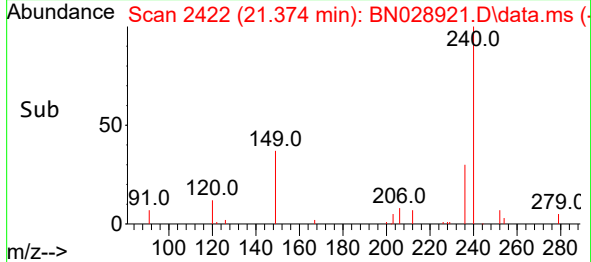
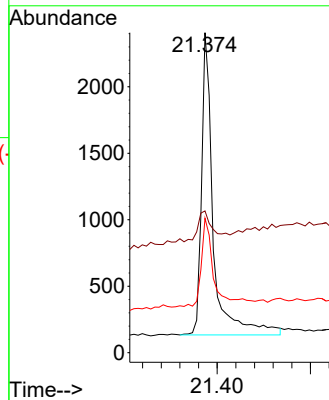
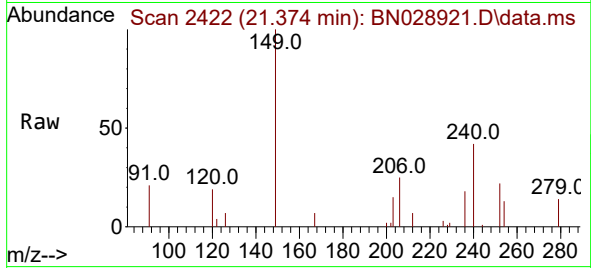
Tgt Ion:240 Resp: 3971

Ion Ratio Lower Upper

240 100

120 44.3 37.1 55.7

236 42.0 32.4 48.6



#30

Pyrene

Concen: 0.096 ng

RT: 19.608 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN028921.D

Acq: 30 Nov 2023 22:12

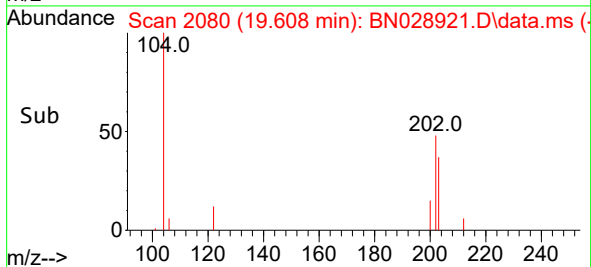
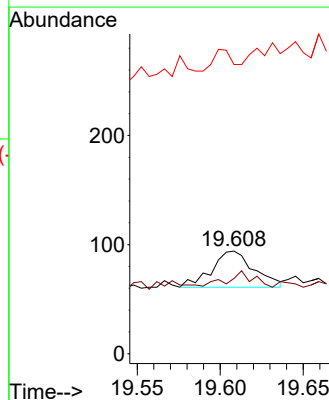
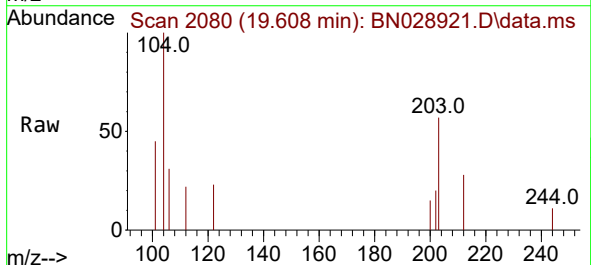
Tgt Ion:202 Resp: 59

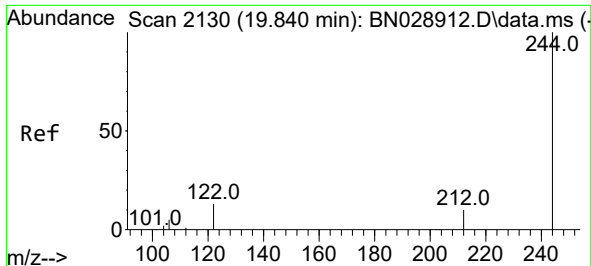
Ion Ratio Lower Upper

202 100

200 28.8 16.9 25.3#

203 23.7 14.8 22.2#

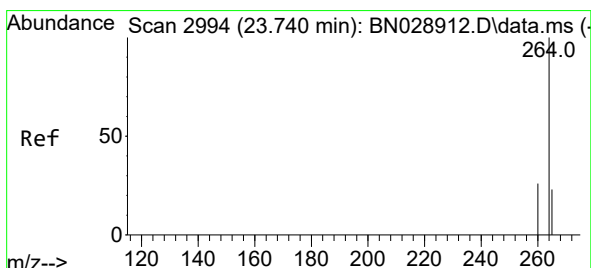
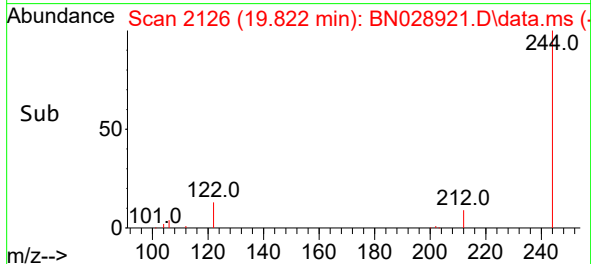
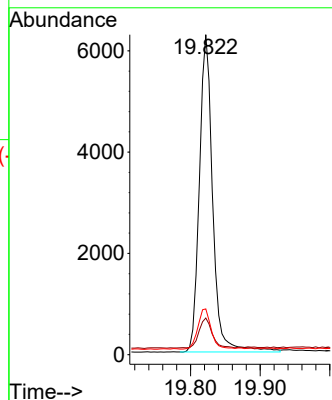
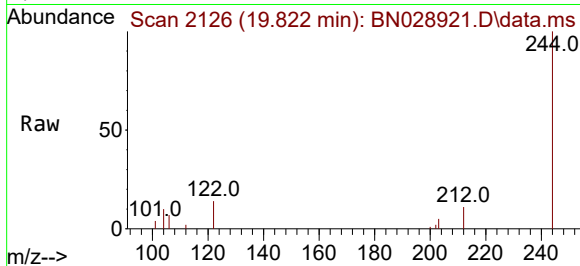




#31
 Terphenyl-d14
 Concen: 0.615 ng
 RT: 19.822 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: BN028921.D
 Acq: 30 Nov 2023 22:12

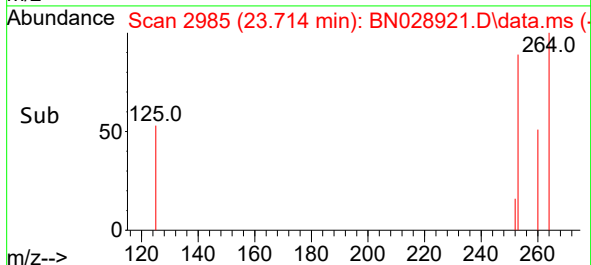
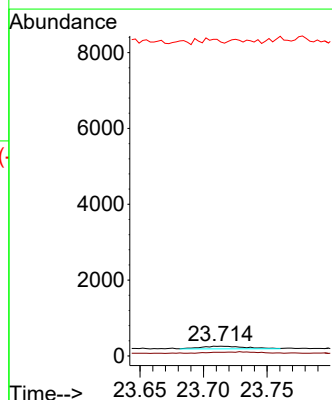
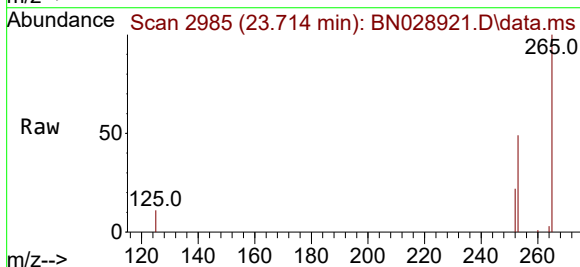
Instrument :
 BNA_N
 ClientSampleId :
 PB156727BL

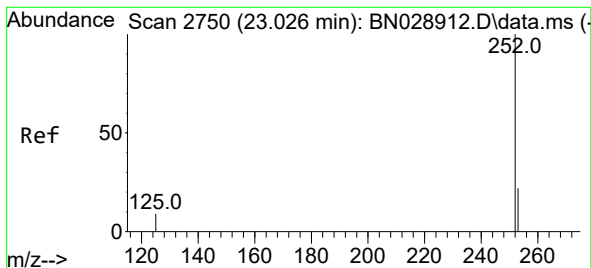
Tgt Ion:244 Resp: 8365
 Ion Ratio Lower Upper
 244 100
 212 11.5 11.5 17.3#
 122 14.3 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.714 min Scan# 2985
 Delta R.T. 0.000 min
 Lab File: BN028921.D
 Acq: 30 Nov 2023 22:12

Tgt Ion:264 Resp: 174
 Ion Ratio Lower Upper
 264 100
 260 37.5 20.6 30.8#
 265 3196.1 464.5 696.7#





#37

Benzo(b)fluoranthene

Concen: 0.103 ng

RT: 23.000 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN028921.D

Acq: 30 Nov 2023 22:12

Instrument :

BNA_N

ClientSampleId :

PB156727BL

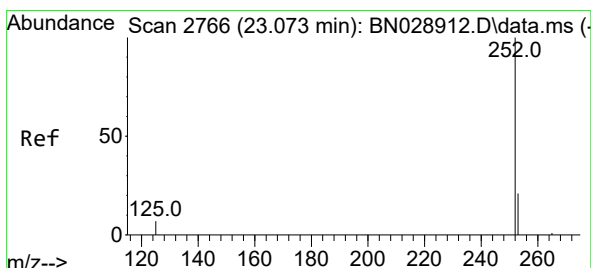
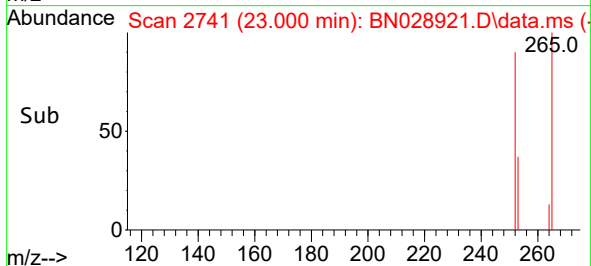
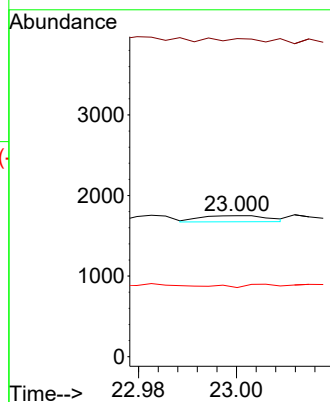
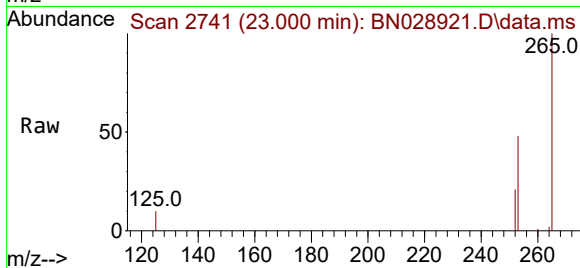
Tgt Ion:252 Resp: 73

Ion Ratio Lower Upper

252 100

253 225.7 94.5 141.7#

125 49.0 23.8 35.8#



#38

Benzo(k)fluoranthene

Concen: 0.036 ng

RT: 23.050 min Scan# 2758

Delta R.T. 0.000 min

Lab File: BN028921.D

Acq: 30 Nov 2023 22:12

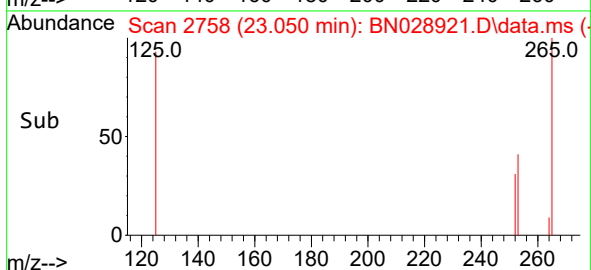
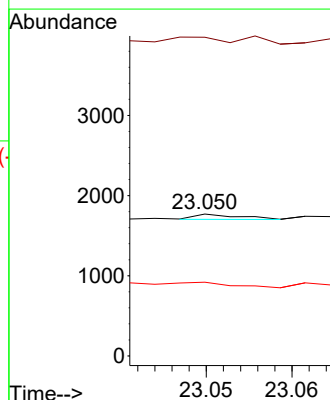
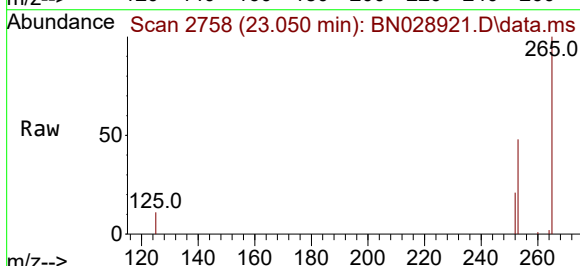
Tgt Ion:252 Resp: 24

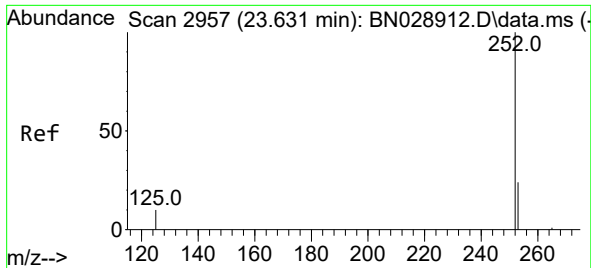
Ion Ratio Lower Upper

252 100

253 224.6 95.2 142.8#

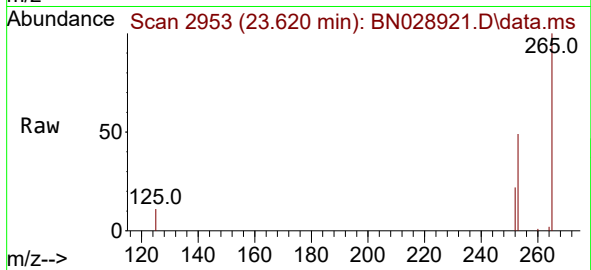
125 52.0 24.3 36.5#





#39
 Benzo(a)pyrene
 Concen: 0.115 ng
 RT: 23.620 min Scan# 2953
 Delta R.T. 0.015 min
 Lab File: BN028921.D
 Acq: 30 Nov 2023 22:12

Instrument :
 BNA_N
 ClientSampleId :
 PB156727BL



Tgt Ion:	252	Resp:	73
Ion	Ratio	Lower	Upper
252	100		
253	227.3	110.2	165.4#
125	51.1	27.0	40.4#

